

PGDDM

POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT

ASSIGNMENTS

For January 2017 and July 2017 Sessions



**School of Social Sciences
Indira Gandhi National Open University
Maidan Garhi, New Delhi-110068**

POST GRADUATE DIPLOMA IN DISASTER MANAGEMENT

Dear Student,

As we explained in the Programme Guide for Post Graduate Diploma in Disaster Management, you will have to do one Tutor Marked Assignment (TMA) for each four-credit course.

Each assignment consists of Sections I and II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. You have to attempt at least two questions from each section. You will find that the questions in the assignments are analytical and descriptive so that you can better understand and comprehend the concepts.

Before you attempt the assignments, please read the instructions carefully provided in the Programme Guide. It is important that you write the answers to all the TMA questions in your own words. Your answers should be within the approximate range of the word-limit set for each question. Remember, writing answers to assignment questions will improve your writing skills and prepare you for the term-end examination.

You are to submit the assignments to the Coordinator of your Study Centre. You must obtain a receipt from the Study Centre for the assignments submitted and retain it with you. It is desirable to keep a photocopy of the assignments submitted by you.

Once evaluated, the Study Centre will return the assignments to you. Please insist on this. The Study Centre will send the marks to the IGNOU Regional Centre concerned and the latter shall send it to SE Division at IGNOU, New Delhi.

Submission:

You need to submit the assignment within the stipulated date for being eligible to appear in the term-end examination.

The completed assignments should be sent as per the following schedule.

Assignment	Date of Submission	Whom to send
MPA-001 MPA-002 MPA-003 MPA-004 MPA-005 MPA-006 MPA-007 MED-004 (only for the students who are opting this Course in lieu of Project Work)	September 30, 2017 for January 2017 Batch March 31, 2018 for July 2017 Batch	To The Coordinator of the Study Centre allotted to you

GUIDELINES FOR DOING ASSIGNMENT

We expect you to answer each question as per instructions in the assignment. You will find it useful to keep the following points in mind:

- 1) **Planning:** Read the assignment carefully, go through the Units on which they are based. Make some points regarding each question and then rearrange them in a logical order.
- 2) **Organisation:** Be a little selective and analytical before drawing up a rough outline of your answer. Give adequate attention to question's introduction and conclusion.

Make sure that:

- a) The answer is logical and coherent.
 - b) It has clear connections between sentences and paragraphs.
 - c) The presentation is correct in your own expression and style.
- 3) **Presentation:** Once you are satisfied with your answer, you can write down the final version for submission. **It is mandatory to write the assignment neatly in your own handwriting.** If you so desire, you may underline the points you wish to emphasise. Make sure that the answer is within the stipulated word limit. Do not type the assignments.

Wishing you all the best,

Prof. Uma Medury & Prof. Dolly Mathew
Programme Coordinators

**MPA-001: UNDERSTANDING NATURAL DISASTERS
(TMA)**

**Course Code: MPA-001
Assignment Code: Asst/TMA/2017**

Marks 50

This assignment consists of Sections I and II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

Section -I

- 1) Describe the causes of drought and analyse the role of state government in disaster management.
- 2) Review the existing disaster management system at the central, state and district levels.
- 3) 'Forecasting, warning and monitoring are important components of an efficient flood management system'. Comment.
- 4) What measures would you suggest for disaster management in cyclone prone areas?
- 5) Analyse the role of Maharashtra government in disaster management in case of Latur earthquake.

Section – II

- 6) Discuss the causes of landslides and suggest necessary measures for disaster mitigation.
- 7) Describe the volcanic hazard mitigation and management practices.
- 8) 'Effective coastal zone management and response strategies can lessen the adverse impacts of sea level rise.' Examine.
- 9) Explain the causes and impacts of cold and heat waves.
- 10) Write a note on the impact of climate change on agriculture.

**MPA-002: UNDERSTANDING MAN-DISASTERS
(TMA)**

**Course Code: MPA-002
Assignment Code: Asst/TMA/2017
Marks: 50**

This assignment consists of Sections I and II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

Section -I

- 1) Discuss the various types of man - made disasters and highlight specific risk reduction and preparedness measures.
- 2) Describe the major causes and effects of nuclear disaster on the basis of Nuclear Power Plant disaster.
- 3) 'Preparedness and proper response is necessary in case of chemical disaster management.' Comment.
- 4) Write a note on biological disasters.
- 5) Explain the disaster management practices in case of coal mine fire.

Section – II

- 6) 'Prevention, detection and suppression are important steps in forest fire management.' Elaborate.
- 7) Discuss the ecological effects of air pollution.
- 8) Describe the causes and impacts of deforestation.
- 9) Examine the causes of road accidents and suggest necessary measures to mitigate these disasters.
- 10) Highlight the risk reduction measures and post – disaster needs in case of air accidents.

MPA-003: Risk Assessment and Vulnerability Analysis
Assignment
TMA

Course Code: MPA-003
Assignment Code: Asst/TMA/2017
Marks: 50

This Assignment consists of Section – I and Section - II. There are five questions in each Section. You have to answer a total of five questions in about 400 words each, selecting at least two questions from each Section. Each question carries 10 marks.

SECTION – I

- 1) Define vulnerability and highlight the contributing factors to vulnerability.
- 2) Describe briefly Societal Risk Management.
- 3) Highlight the role of Science and Technology in Disaster Risk Reduction.
- 4) Discuss various models of Vulnerability Analysis.
- 5) Write a brief note on local adaptation strategies to reduce vulnerability

SECTION – II

- 6) ‘Physical and Socio-Economic factors contribute to hazards in cities’. Discuss.
- 7) Discuss how the Developmental Projects induced Vulnerability.
- 8) Describe the significance of planning with particular reference to Disaster Prevention, Preparedness and Mitigation.
- 9) “Vulnerability can be reduced due to State Protection”. Analyse.
- 10) Examine the reasons for institutional and infrastructural vulnerability.

**MPA-004: Disaster Preparedness
Assignment
TMA**

**Course Code: MPA-004
Assignment Code: Asst/TMA/2017
Marks: 50**

This assignment consists of Section-I and Section-II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

Section-I

1. Analyse the conceptual framework of disaster management and also explain its paradigm shift.
2. Describe the institutional mechanisms for disaster preparedness.
3. Disaster preparedness plan to be effective has to adhere to certain essential prerequisites--
- Elaborate.
4. Information Education and Communication can reach the community through a variety of means--Examine.
5. Discuss the role of central government ministries in disaster preparedness.

Section-II

6. Discuss the significance of remote sensing in disaster preparedness.
7. Examine the utility of Ham Radio and its role in emergency communication.
8. Explain the concept of mitigation and highlight its importance.
9. Write a note on Sustainable Development.
10. Analyse the role of Media in disaster management.

MPA-005: DISASTER RESPONSE
(TMA)

Course Code: MPA-005
Assignment Code: Asst/TMA/2017
Marks: 50

This assignment consists of Sections I and II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

SECTION - I

1. Discuss why we need response plan and highlight the response plan at centre, state and district levels.
2. Discuss types, techniques and problems of Communication.
3. What is Logistics Management? Discuss the importance of documentation.
4. Discuss types and techniques of Assessment.
5. Evaluate the role played by centre, state and district governments in disaster management.

SECTION - II

6. Discuss the role of armed forces and their capabilities and resources in disaster response.
7. Discuss the concept of human behaviour and the psyche of provider and sufferer.
8. Highlight the minimum standards in water supply and sanitation.
9. Explain the structure for relief management by international agencies.
10. Define recovery and outline the challenges associated with the recovery process.

**MPA-006: Disaster Medicine
(TMA)**

**Course Code: MPA-006
Assignment Code: Asst/TMA/2017
Marks: 50**

This assignment consists of Section I and II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

SECTION – I

1. Discuss the role of various epidemiological methods in lessening the adverse health consequences of disasters.
2. ‘Hygiene and sanitation are components in prevention of risk in disasters.’ Explain.
3. Describe medical preparedness plan in hospitals.
4. Examine inventory control in logistics management.
5. What are the assets and difficulties faced in remote areas for an effective management of disasters?

SECTION - II

6. Write a note on education and training in health management of disasters.
7. Discuss occupational health and safety matters pertaining to rescue workers.
8. ‘Hospital alert and triage are significant in enabling an effective clinical response.’ Comment.
9. Describe the control of communicable diseases as a vital aspect of community health management.
10. Write short notes in about 200 words on each of the following:
 - a. Medical and health response to floods
 - b. Application of GIS in health response

MPA-007: Rehabilitation, Reconstruction and Recovery
(TMA)

Course Code: MPA-007
Assignment Code: Asst/TMA/2017
Marks: 50

This assignment consists of Section I and II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

SECTION – I

1. Examine the role of various agencies in disaster management and development.
2. Write a note on communication system for information management.
3. Discuss the nature of disaster preparedness in Asia.
4. ‘Government at the central as well as state levels has specific schemes for providing funds for disaster management achievers’. Comment.
5. Bring out the features of traditional disaster resistant construction techniques.

SECTION - II

6. ‘The philosophy of coping with disaster is integral to effective disaster management.’ Comment.
7. Write a note on stress management in disaster situations.
8. Discuss the role of media in reaching out to disaster affected communities.
9. What are the guiding principles and criteria of monitoring and evaluation?
10. Examine the significance of people’s participation in disaster management and awareness.

MED-004: Towards Participatory Management

(TMA)

Course Code: MED-004

Assignment Code: Asst/TMA/2017

Marks: 50

This assignment consists of Sections I and II. There are five questions in each section. You have to answer a total of five questions in about 400 words each. It is necessary to attempt at least two questions from each section. Each question carries 10 marks.

SECTION - I

1. 'Participation is a process of consultation.' Discuss.
2. Enumerate the Individual Model and Collectivist Model of participatory management in South Asia.
3. Write a note on participatory development.
4. Explain the various programmes undertaken in the Orangi Project.
5. 'Pakistan has made headway in enabling women's access to education.' Examine.

SECTION - II

6. What is 'Reversals in Learning'?
7. 'Capacity development plays a role in creation of capacity for change.' Enumerate.
8. Highlight briefly the different strategic actions of involving women in development.
9. Describe the policy trends in joint forestry management
10. Discuss the essential elements of integrated coastal management.